QUADRA-FIRE®

CASTILE PELLET STOVE & INSERT

Heat Exchanger & Exhaust Cleaning Instructions

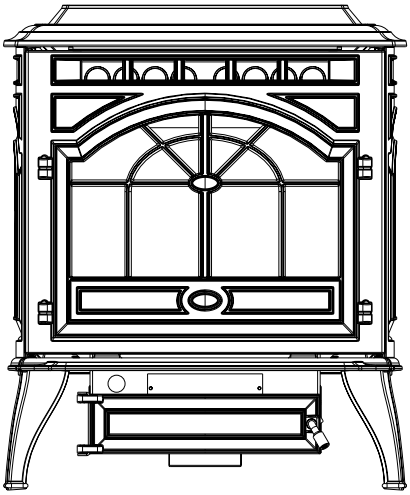
WARNING

Fire Risk

For trouble free use of your pellet appliance you must perform cleaning as called for in these instructions. Not doing so will result in:

- Poor operating performance
- Smoke spillage into the home
- Overheating of components

Not properly cleaning your appliance on a regular basis will void your warranty.



Refer to your Owner's Manual for complete cleaning instructions for all components.

HEARTH & HOME technologies

PROPER SHUTDOWN PROCEDURE

CAUTION

Shock and Smoke Hazard

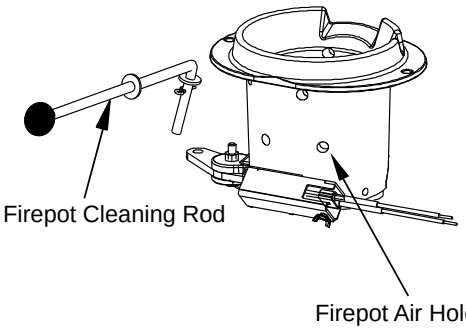
- Turn down thermostat, let appliance completely cool and exhaust blower must be off. Now you can unplug appliance before servicing.
- Smoke spillage into room can occur if appliance is not cool before unplugging.
- Risk of shock if appliance not unplugged before servicing appliance.

NOTE: Performing this routine service will require approximately 20 minutes a month depending on type and quality of fuel you burn.

CLEANING OR INSPECTION	FREQUENCY		DAILY	WEEKLY	MONTHLY	YEARLY
FIREPOT Wood Pellets	Every 3 bags	-OR-	X			
FIREPOT Corn	Every 1 bags	-OR-	X			
ASHPAN Wood Pellets	Every 5 bags	-OR-		X		
ASHPAN Corn	Daily		X			
HEAT EXCHANGER	Every 1 ton of fuel	-OR-			X	
EXHAUST BLOWER **CONVECTION BLOWER**	Every 3 tons of fuel or more frequently depending on fuel type	-OR-				X

Sample of a larger clinker

FIREPOT MAINTENANCE



Pull Cleaning Rod OUT and IN a couple of times to shake debris loose.

The firepot air holes will need to be scraped occasionally depending on the quality of fuel being used. Use a putty knife, a flat head screwdriver or the firepot clean-out tool provided to remove excess carbon and clinkers from the firepot.

Castile Pellet Insert

Tools Needed: Shop Vac and flat head screwdriver

A. Cleaning the Heat Exchanger Chambers

1. Locate the 2 rods directly underneath the heat exchanger tubes. Rods are bent at a 90° angle for easy handling. **Figure 3.1.**
2. To clean, open cast front door and pull the rods straight out until it stops approximately 10 inches (254mm). Slide the rods OUT and IN a couple of times.

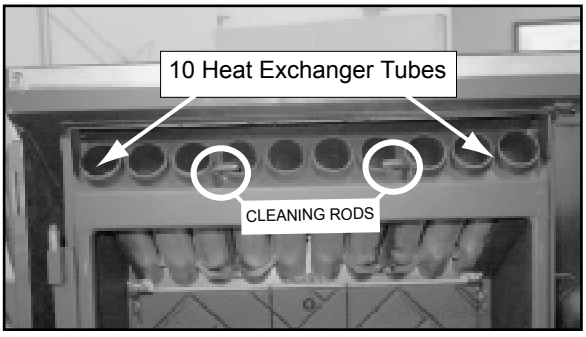


Figure 3.1

B. Remove Baffle to Access Heat Exchanger Tubes and Firebox Exhaust Exit

1. The top baffle has a hook on the bottom left side that rests on the top lip of the cast brick. There is a tab on the bottom right side that hooks into the side bracket.

   Remove the top baffle by first pulling the baffle forward until back edge drops down. Then slide baffle back until the front edge clears the shelf that it had been resting on. **Figure 3.2.**
2. The top baffle must be removed before you can remove the right and left brick. Remove the right brick by holding top lip of brick and lifting up, then push outside edge back.

   Slide brick to the right until it is flush with the firebox. Rotate the inside edge of the brick forward and remove brick. **Figure 3.3.** Vacuum the exhaust exit. **Figure 3.4.**
3. With baffle and brick removed, vacuum the heat exchanger tubes and firebox area to remove any fly ash and soot.
4. Remove any debris that may be in the drop tube.

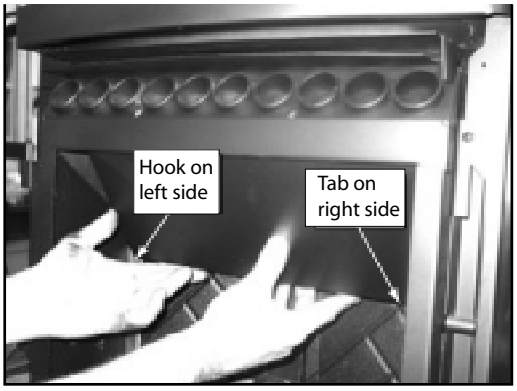


Figure 3.2

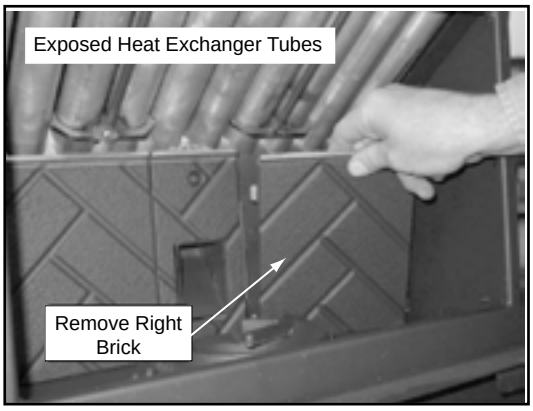


Figure 3.3

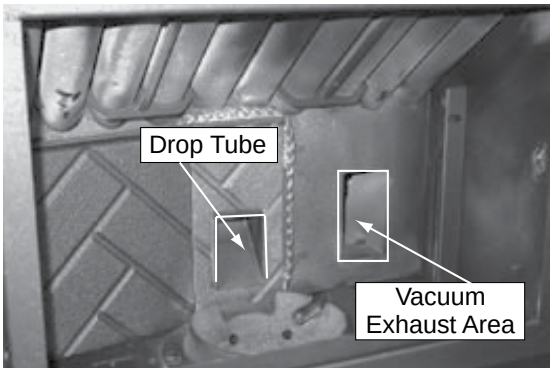


Figure 3.4

Castile Pellet Stove

Tools Needed: Shop Vac and flat head screwdriver

A. Cleaning the Heat Exchanger Chambers

1. Locate the 2 rods directly underneath the heat exchanger tubes. Rods are bent at a 90° angle for easy handling. **Figure 4.1.**
2. To clean, pull the rods straight out until it stops, approximately 5-1/2 inches (140mm). Slide the rods OUT and IN a couple of times.

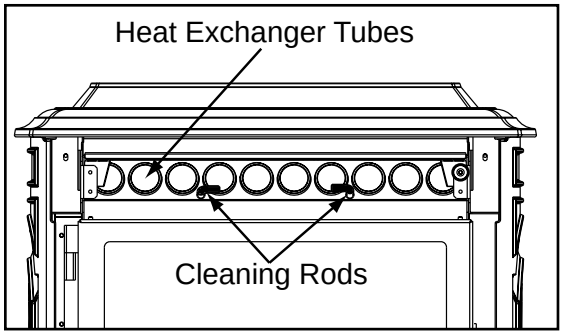


Figure 4.1

B. Remove Baffle to Access Heat Exchanger Tubes and Firebox Exhaust Exit & Blower

NOTE: There is a latch on the appliance to keep the top baffle from coming out when the heat exchanger cleaning rods are pulled.

1. Open doors and locate the latch. It is located between the front edge of the top baffle and the inside of the firebox centered from side to side. The latch pivots up and down.
2. Push the latch up with your finger while sliding the top baffle forward and down. **Figure 4.2.**
3. To re-install the top baffle, align the hooks on the baffle with the slots in the baffle hangers, push up and slide back. **Figure 4.3.**
4. Make sure the latch drops back into position, bypassing the first notch and catching the front edge of the top baffle with the second small notch.
5. Vacuum the exhaust exit and exhaust blower. **Figure 4.4.**
6. Vacuum any fly ash and soot form the heat exchanger tubes and the firebox area.
7. Remove any debris that may be in the drop tube.

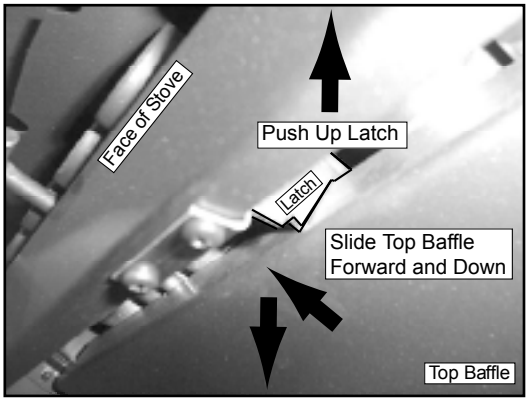


Figure 4.2

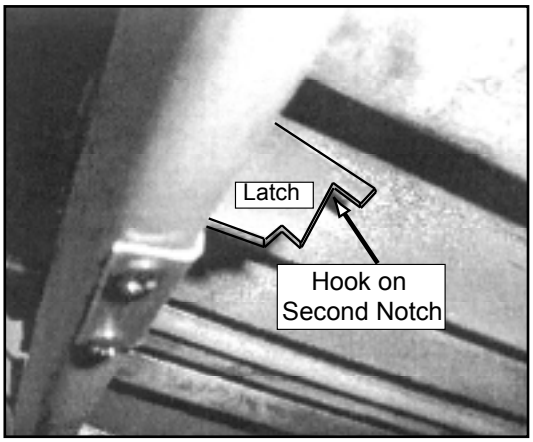


Figure 4.3

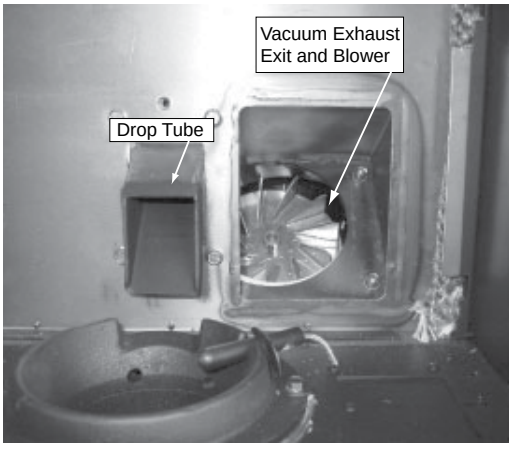


Figure 4.4 - Shown with brick removed.